

# High Heat and Humidity for the Remainder of the Week



New York, NY  
WEATHER FORECAST OFFICE

## OVERVIEW

- Hot and humid air mass in place for the remainder of this week, peaking for Thursday. Advisories and warnings are in effect.
- Maximum heat index values will reach the mid 90s to around 105 today, with slightly higher values on Thursday.

### TIMING

- Maximum temperatures and heat indices will occur between 12pm and 8pm each afternoon.

### HAZARDS & IMPACTS

- Temperatures and heat index values will be highest across Northeast NJ, NYC, the Lower Hudson Valley and into Southwestern portions of CT.
- There is an increased risk of heat related illness with prolonged activity.
- Temperatures at night staying into the 70s, and mostly 75 to 80 for NYC.

### NWS ALERTS

- Excessive Heat Warning today for NE New Jersey and NYC and a Heat Advisory for the remainder of the area except SE Suffolk County.
- Excessive Heat Warning on Thursday for NE New Jersey, NYC, and southern portions of the Hudson Valley; an Excessive Heat Watch for northern portions of the Hudson Valley, and Heat advisories for the remainder of the area except SE Suffolk County.
- Additional heat advisories and/or warnings are likely for Friday.

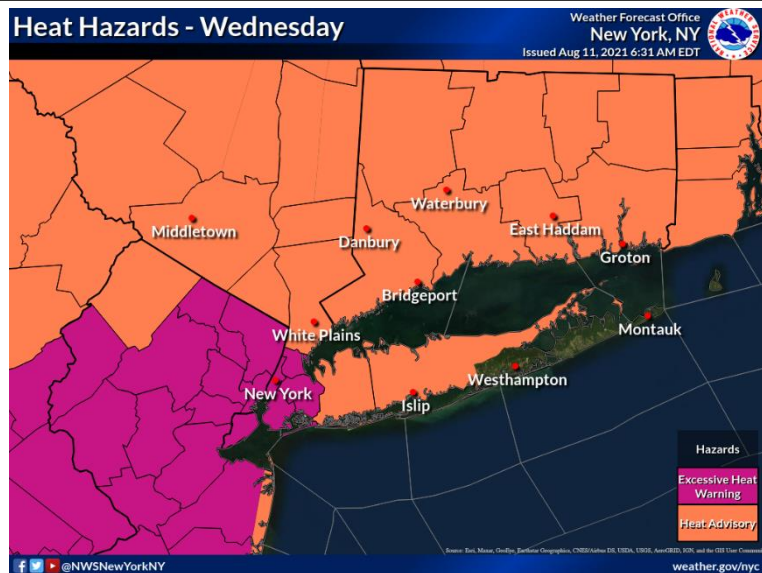
### POST-EVENT OUTLOOK

- The high heat and humidity may continue into Saturday.
- A cold front is expected to move through on Saturday, bringing in cooler and drier conditions for the second half of the weekend.

### NEXT BRIEFING

- By 7am Thursday.

## Heat Hazards - Wednesday



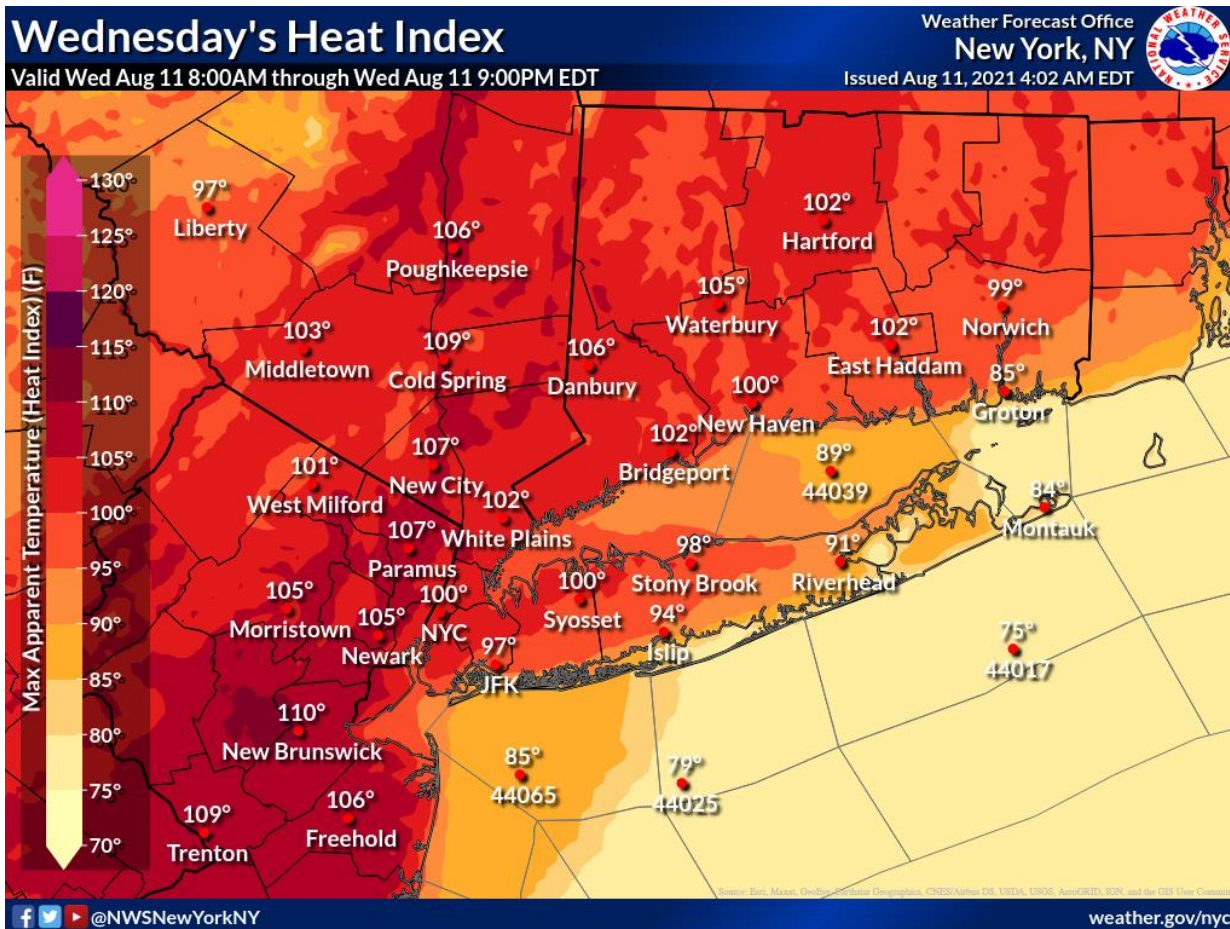
ISSUED: 8/11/2021 6:34 AM

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# Today's Maximum Heat Index



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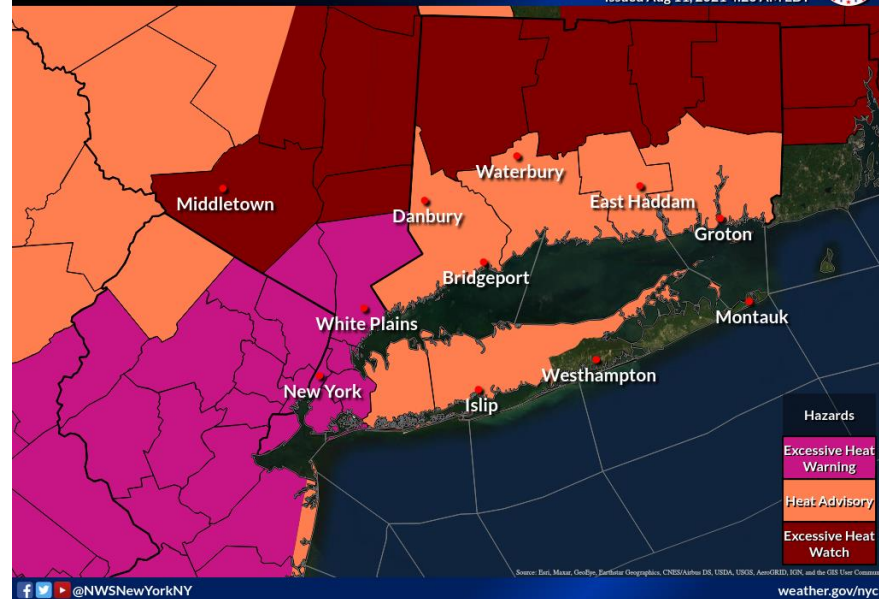
# Thursday's Hazards and Maximum Heat Index



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## Heat Hazards - Thursday

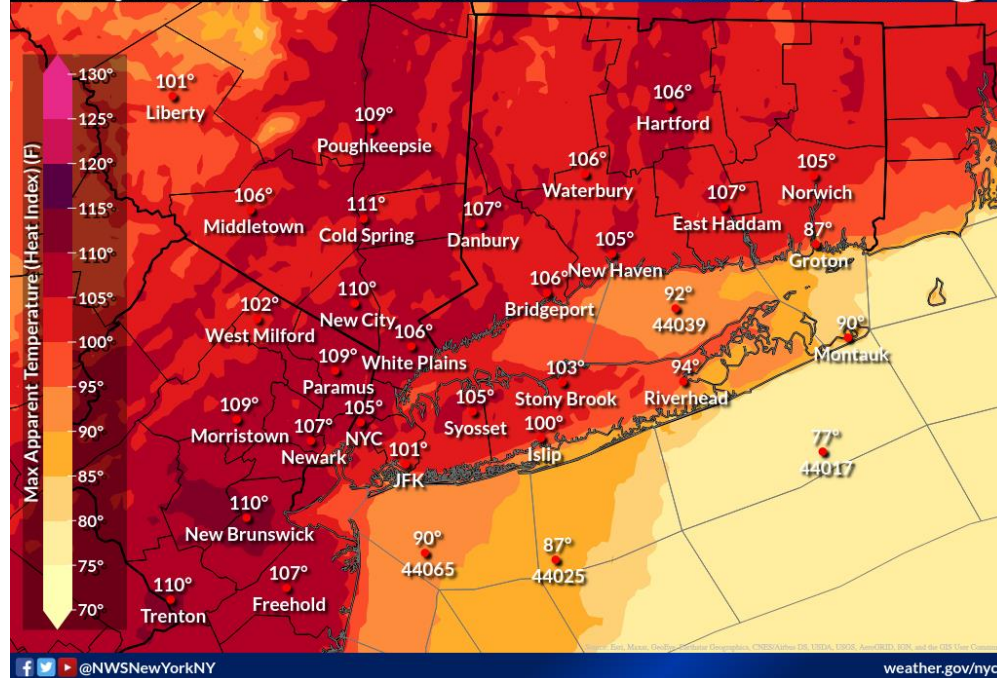
Weather Forecast Office  
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## Thursday's Heat Index

Valid Thu Aug 12 8:00AM through Thu Aug 12 9:00PM EDT

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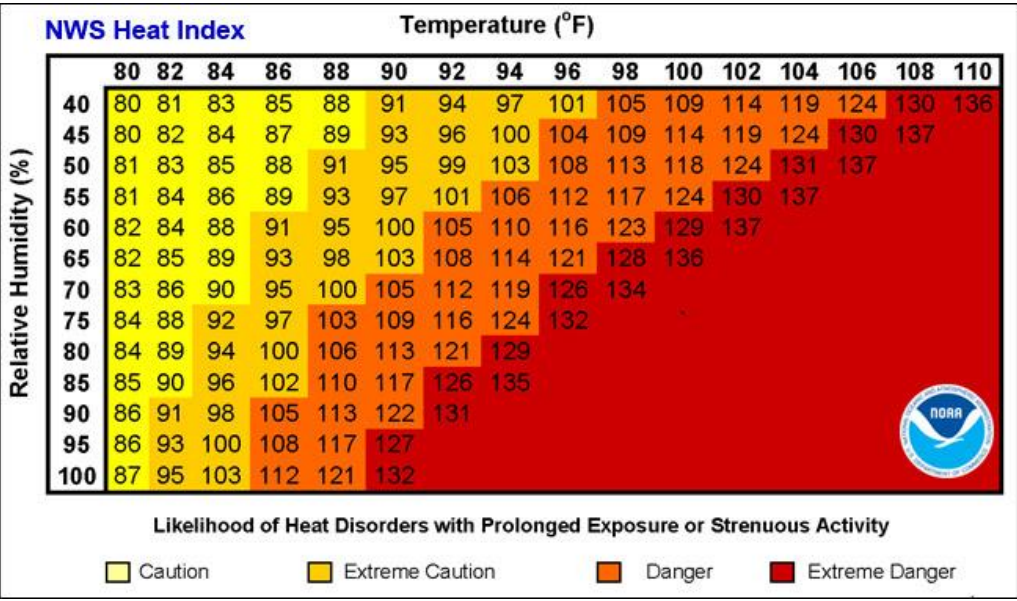
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The heat index is a measure of how hot it really feels when relative humidity is factored in with air temperature. You can use this chart to find the heat index yourself. For more information on Heat Safety, please go to:  
<https://www.weather.gov/safety/heat>



Classification	Heat Index	Effect on the body
Caution	80°F - 90°F	Fatigue possible with prolonged exposure and/or physical activity
Extreme Caution	90°F - 103°F	Heat stroke, heat cramps, or heat exhaustion possible with prolonged exposure and/or physical activity
Danger	103°F - 124°F	Heat cramps or heat exhaustion likely, and heat stroke possible with prolonged exposure and/or physical activity
Extreme Danger	125°F or higher	Heat stroke highly likely